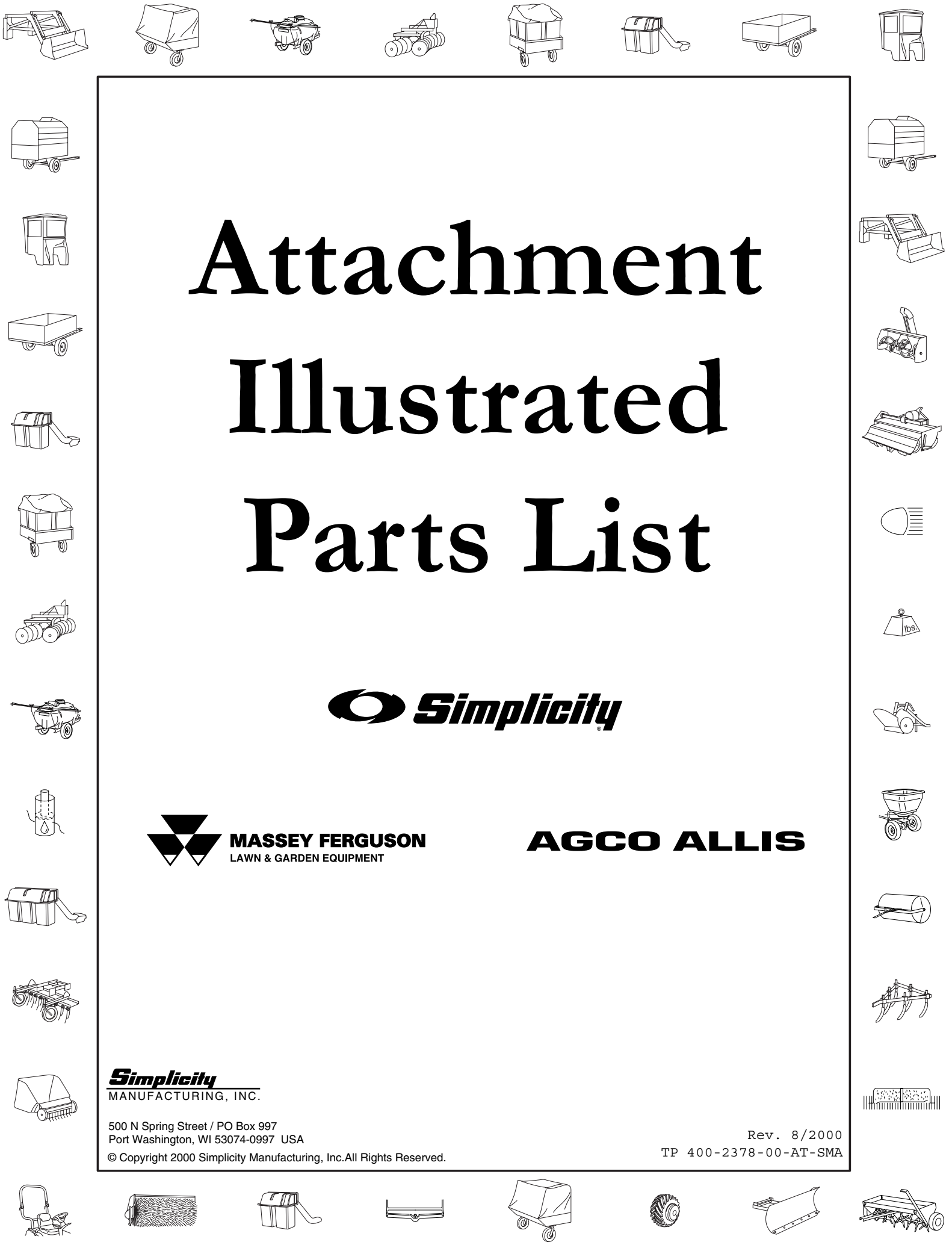

# Attachment Illustrated Parts List

Simplicity

MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO ALLIS

Simplicity
MANUFACTURING, INC.

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Port Washington, WI 53074-0997 USA

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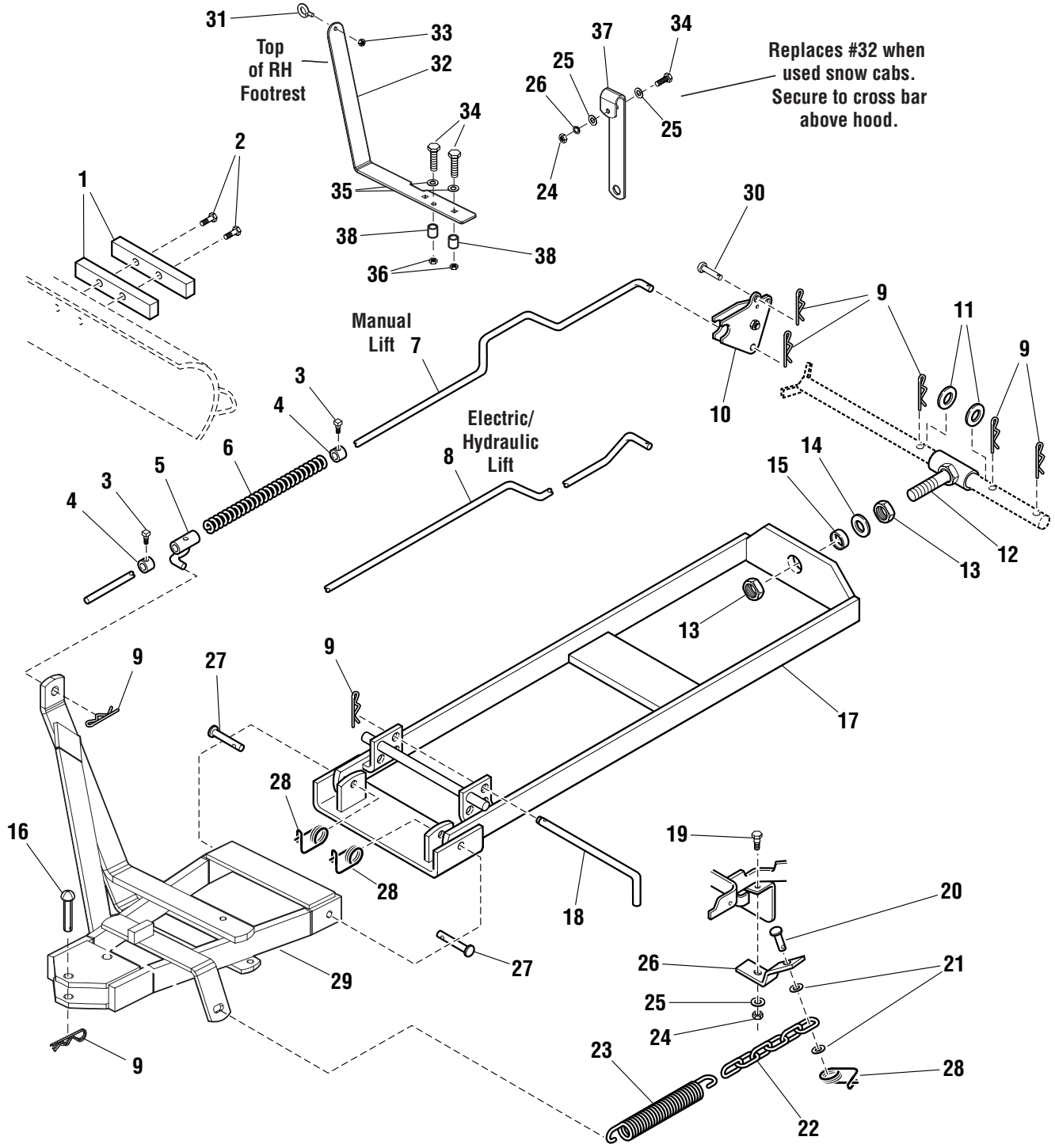
Rev. 8/2000
TP 400-2378-00-AT-SMA

## *Hitch 42” Blade*

**NOTE: Unless noted otherwise, use the standard hardware torque specification chart.**

985751




**The above parts group applies to the following Mfg. Nos.:**

1693756 Hitch 42” Blade

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## *Hitch 42" Blade*

| REF NO. | PART NO. | QTY. | DESCRIPTION |
|---|---|---|---|
| 1 | 1709813 | 2 | BAR |
| 2 | 1960373 | 2 | CAPSCREW, Taptite, 5/16-18 x 1 |
| 3 | 1928721 | 2 | SCREW, Set, 5/16-18 x 1/2 |
| 4 | 8031007 | 2 | COLLAR |
| 5 | 171679 | 1 | GUIDE ASSEMBLY |
| 6 | 171011 | 1 | SPRING |
| 7 | 1665887 | 1 | ROD, Manual Lift |
| 8 | 1707542 | 1 | ROD, Eletric / Hydraulic Lift |
| 9 | 1960033 | 7 | PIN, Hair |
| 10 | 1686765 | 1 | EXTENSION ASSEMBLY KIT |
| 11 | 1911386 | 2 | WASHER, 3/4 |
| 12 | 1720188 | 1 | TUBE & BOLT ASSEMBLY |
| 13 | 1915726 | 2 | NUT, Hex, 5/8-11 |
| 14 | 1960035 | 1 | WASHER, 5/8 |
| 15 | 175647 | 1 | SPACER |
| 16 | 1603602 | 1 | PIN |
| 17 | 1720187 | 1 | REAR PUSH BAR ASSEMBLY |
| 18 | 1715758 | 1 | ROD |
| 19 | 1921333 | 1 | CAPSCREW, Hex Head 5/16-18 x 1 |
| 20 | 1655651 | 1 | PIN |
| 21 | 1919381 | 2 | WASHER, 5/16 |
| 22 | 1708266 | 1 | CHAIN, Link |
| 23 | 1675232 | 1 | SPRING |
| 24 | 1917372 | 1 | NUT, Hex, 5/16-18 |
| 25 | 1917356 | 2 | LOCKWASHER, 5/16 |
| 26 | 1704757 | 1 | BRACKET |
| 27 | 118053 | 2 | PIN |
| 28 | 176012 | 4 | RETAINER, Pin |
| 29 | 1721045 | 1 | PUSH BAR ASSEMBLY |
| 30 | 8181008 | 1 | PIN, Round Head, 1/2 x 2-1/2 |
| 31 | 172162 | 1 | EYEBOLT |
| 32 | 1721057 | 1 | BRACKET |
| 33 | 1920397 | 1 | LOCKNUT, Hex, 1/4-20 |
| 34 | 1921221 | 2 | CAPSCREW, Hex Head, 5/16-18 x 1-1/2 |
| 35 | 1919326 | 2 | WASHER, 5/16 |
| 36 | 1923362 | 2 | NUT, Centerlock, 5/16-18 |
| 37 | 1721278 | 1 | BRACKET |
| 38 | 1705249 | 2 | SPACER |

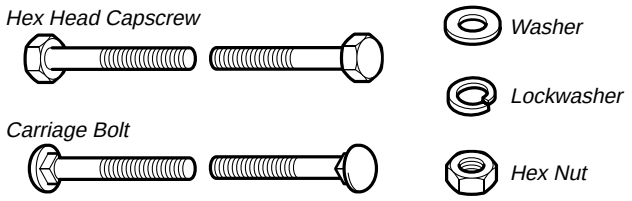
**Footnotes:**

**The above parts group applies to the following Mfg. Nos.:**

1693756 Hitch 42" Blade

# Hardware Identification & Torque Specifications

**Common Hardware Types**

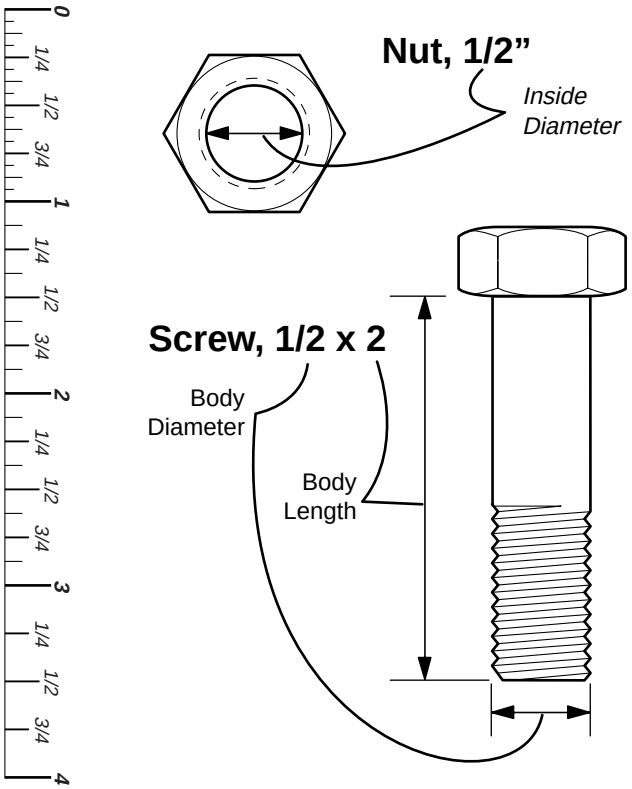



**Standard Hardware Sizing**

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

***The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.***




## Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

| Hardware Grade | SAE Grade 2 | | SAE Grade 5 | | SAE Grade 8 | |
|---|---|---|---|---|---|---|
| **Size Of Hardware** | *in/lbs* **ft/lbs** | Nm. | *in/lbs* **ft/lbs** | Nm. | **in/lbs** **ft/lbs** | Nm. |
| 8-32 | *19* | 2.1 | *30* | 3.4 | *41* | 4.6 |
| 8-36 | *20* | 2.3 | *31* | 3.5 | *43* | 4.9 |
| 10-24 | *27* | 3.1 | *43* | 4.9 | *60* | 6.8 |
| 10-32 | *31* | 3.5 | *49* | 5.5 | *68* | 7.7 |
| 1/4-20 | *66* | 7.6 | **8** | 10.9 | **12** | 16.3 |
| 1/4-28 | *76* | 8.6 | **10** | 13.6 | **14** | 19.0 |
| 5/16-18 | **11** | 15.0 | **17** | 23.1 | **25** | 34.0 |
| 5/16-24 | **12** | 16.3 | **19** | 25.8 | **27** | 34.0 |
| 3/8-16 | **20** | 27.2 | **30** | 40.8 | **45** | 61.2 |
| 3/8-24 | **23** | 31.3 | **35** | 47.6 | **50** | 68.0 |
| 7/16-14 | **30** | 40.8 | **50** | 68.0 | **70** | 95.2 |
| 7/16-20 | **35** | 47.6 | **55** | 74.8 | **80** | 108.8 |
| 1/2-13 | **50** | 68.0 | **75** | 102.0 | **110** | 149.6 |
| 1/2-20 | **55** | 74.8 | **90** | 122.4 | **120** | 163.2 |
| 9/16-12 | **65** | 88.4 | **110** | 149.6 | **150** | 204.0 |
| 9/16-18 | **75** | 102.0 | **120** | 163.2 | **170** | 231.2 |
| 5/8-11 | **90** | 122.4 | **150** | 204.0 | **220** | 299.2 |
| 5/8-18 | **100** | 136 | **180** | 244.8 | **240** | 326.4 |
| 3/4-10 | **160** | 217.6 | **260** | 353.6 | **386** | 525.0 |
| 3/4-16 | **180** | 244.8 | **300** | 408.0 | **420** | 571.2 |
| 7/8-9 | **140** | 190.4 | **400** | 544.0 | **600** | 816.0 |
| 7/8-14 | **155** | 210.8 | **440** | 598.4 | **660** | 897.6 |
| 1-8 | **220** | 299.2 | **580** | 788.8 | **900** | 1,244.0 |
| 1-12 | **240** | 326.4 | **640** | 870.4 | **1,000** | 1,360.0 |

**NOTES**

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Wrench & Fastener Size Guide

**1/4" Bolt or Nut**
Wrench—7/16"

**5/16" Bolt or Nut**
Wrench—1/2"

**3/8" Bolt or Nut**
Wrench—9/16"

**7/16" Bolt or Nut**
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"

**1/2" Bolt or Nut**
Wrench—3/4"